

Product Name: ALCOSAN

Date of Issue: MAR 2020

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SECTION 1 – STATEMENT OF CHEMICAL PRODUCT AND COMPANY IDENTIFICATION



SUPPLIER:	GLEAM-IT PRODUCTS		
ADDRESS:	Unit 4, 12 Commercial Drive, Ashmore, Qld 4214 Australia.		
Trade Name:	ALCOSAN		
TELEPHONE:	(07) 5531 1544	FAX:	(07) 5591 1800
AH EMERGENCY TELEPHONE:	13 1126 in Australia	Product Code:	
Substance:	Alcohol based gel	Product Use:	Hand sanitizer
Creation Date:	March 2020	Revision Date:	March 2025

SECTION 2 – HAZARDS IDENTIFICATION

Classification of the substance or mixture

Poisons Schedule	Not scheduled
Dangerous Goods	Classified as Dangerous Goods CLASS 3
GHS Classification	Flammable liquids - Category 3 Eye irritation - Category 2A

Label elements

GHS label pictograms	  GHS07 GHS02
Signal word	WARNING

Hazard statement(s)

H226	Flammable liquid and vapour.
H319	Causes serious eye irritation.

Precautionary statement(s): General

P102	Keep out of reach of children.
P103	Read label before use.

Precautionary statement(s): Prevention

P210	Keep away from heat/sparks/open flames/hot surfaces – No smoking.
P233	Keep container tightly closed.
P240	Ground/bond container and receiving equipment.
P241	Use explosion-proof/electrical/ventilating/lighting equipment.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.
P264	Wash skin thoroughly after handling.
P280	Wear protective gloves and eye/face protection.

Precautionary statement(s): Response

P303+P361+P353	IF ON SKIN (or hair): Remove immediately all contaminated clothing. Rinse skin with water.
P370+P378	In case of fire: Use water spray, alcohol-resistant foam, dry chemical, carbon dioxide (CO ₂) for extinction.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313	If eye irritation persists: Get medical attention.

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Precautionary statement(s): Storage

P403+P235 Store in a well-ventilated place. Keep cool.

Precautionary statement(s): Disposal

P501 Dispose of contents/container in accordance with local regulations.

Note

IMPORTANT This SDS and the Hazard Classifications contained therein, only apply to the product in its concentrated form, as supplied. When diluted to 1:3 or greater they no longer apply. However, good hygiene and housekeeping practices should be adhered to.

SECTION 3 – COMPOSITION AND INFORMATION ON INGREDIENTS

Ingredients:	CAS Number:	Proportion:
Ethanol	64-17-5	> 60% w/w
Ingredients determined to be non-hazardous	various	To 100 % w/w

SECTION 4 – FIRST AID MEASURES

Inhalation	If inhaled, remove to fresh air. Get medical attention if symptoms occur.
Skin contact	If irritation occurs wash with water and soap as a precaution. Get medical attention if symptoms occur.
Eye contact	In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. If easy to do, remove contact lenses, if worn. Get medical attention.
Ingestion	If swallowed, DO NOT induce vomiting. Get medical attention if symptoms occur. Rinse mouth thoroughly with water.
Advice to Doctor	Treat symptomatically and supportively.
Scheduled Poisons	Poisons Information Centre in each Australian State capital city or in Christchurch, New Zealand can provide additional assistance for scheduled poisons. (Phone Australia 131126 or New Zealand 0800 764 766).
First Aid Facilities	Eye wash station. Showering facility. Normal washroom facilities.

SECTION 5 – FIRE FIGHTING MEASURES

Fire and Explosion Hazards	In the event of fire, wear self-contained breathing apparatus. Use personal protective equipment. Do not use a solid water stream as it may scatter and spread fire. Flash back possible over considerable distance. Vapours may form explosive mixtures with air. Exposure to combustion products may be a hazard to health.
Extinguishing Media	Water spray, alcohol-resistant foam, dry chemical, carbon dioxide (CO ₂).
Fire Fighting	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Use water spray to cool unopened containers. Remove undamaged containers from fire area if it is safe to do so. Evacuate area.
Flash Point	23.7°C

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Emergency Procedures

Remove all sources of ignition. Use personal protective equipment. Follow safe handling advice and personal protective equipment recommendations. Non-sparking tools should be used. Soak up with inert absorbent material. For large spills, provide containment to keep material from spreading. If material can be pumped, store recovered material in appropriate container. Clean up remaining materials from spill with suitable absorbent. Local or national regulations may apply to releases and disposal of this material, as well as those materials and items employed in the clean-up of releases. You will need to determine which regulations are applicable.

SECTION 7 – HANDLING AND STORAGE

Handling

Do not swallow. Do not get in eyes. Avoid prolonged or repeated contact with skin. Handle in accordance with good industrial hygiene and safety practice. Non-sparking tools should be used. Keep container tightly closed. Keep away from heat and sources of ignition. Take precautionary measures against static discharges. Take care to prevent spills, waste and minimize release to the environment. Ensure that eye flushing systems and safety showers are located close to the working place. When using do not eat, drink or smoke. Wash contaminated clothing before re-use.

Storage

Keep in properly labelled containers. Keep tightly closed. Keep in a cool, well-ventilated place. Store in accordance with the particular national regulations. Keep away from heat and sources of ignition.

SECTION 8 – EXPOSURE CONTROLS AND PERSONAL PROTECTION

Exposure Limits

National Occupational Exposure Limits, as published by Safe Work Australia:

Time-weighted Average (TWA):

None established for product.

TWA for ethanol is 1,880 mg/m³

TWA for propan-2-ol is 983 mg/m³

Short Term Exposure Limit (STEL):

None established for product.

STEL for ethanol is 1,000 ppm

STEL for propan-2-ol is 1,230 ppm

Ventilation

Local exhaust ventilation may be required. In exhaust is needed use only in an area equipped with explosion proof exhaust ventilation. Minimise workplace exposure concentrations.

Personal Protective Equipment

Use good occupational work practice. The use of protective clothing and equipment depends upon the degree and nature of exposure. The following protective equipment should be available;

Eye Protection



Wear safety goggles. Contact lenses pose a special hazard; soft lenses may absorb irritants and all lenses concentrate them.

Hand Protection



Wear flame-retardant gloves to handle diluted solutions as per label directions.

Body Protection



Wear overalls, boots (as per AS/NZS 2161, or as recommended by supplier).

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Respirator	No respirator should be required under normal conditions of use in well-ventilated areas provided air concentrations are below exposure standards. Where high contaminant spray mist or vapour levels exist, ie, approaching the exposure limit, the following additional equipment is required: For short elevated exposures, eg, spillages:- Appropriate organic vapour cartridge respirator as per the requirements of AS/NZS 1715 and AS/NZS 1716 (Respiratory protective devices). For prolonged exposure and confined spaces:- full face air supplied or self-contained breathing apparatus (if vapour levels exceed the Exposure Limit by more than ten times, air supplied apparatus should be used).
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SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Gel	Colour	Clear, colourless
Odour	Alcohol-like	Specific Gravity	Not available
Boiling Point	Not available	Freezing Point	Not available
Vapour Pressure	Not available	Density	0.88 g/cm ³
Flash Point	23.7°C	Flammable Limits	none
Water Solubility	Soluble	pH	6.5 – 8.5
Volatile Organic Compounds (VOC)	Not available	Per Cent Volatile	Not available
Viscosity	3,500 – 23,000 mm ² /s (20°C)	Odour Threshold	Not available

SECTION 10 – STABILITY AND REACTIVITY

Reactivity	Not classified as a reactivity hazard.
Hazardous Reactions	Flammable liquid and vapour. Vapours may form explosive mixture with air. Can react with strong oxidizing agents.
Chemical stability	Stable under normal conditions.
Conditions to Avoid	Avoid heat, flames and sparks. Do not store with the following product types: Self-reactive substances and mixtures Organic peroxides, Oxidizing agents, Flammable gases, Self-heating substances and mixtures Poisonous gases, Explosives
Incompatibilities	Oxidising agents.
Hazardous Decomposition	No hazardous decomposition products are known.

SECTION 11 – TOXICOLOGICAL INFORMATION**POTENTIAL HEALTH EFFECTS**

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

Inhalation	Not classified as a respiratory sensitiser based on available information.
Skin contact	Not classified based on available information. No skin irritation.
Eye contact	May cause serious eye irritation.
Ingestion	No information available.
Chronic exposure	No known effects.
Toxicology Information	Ethanol: Acute oral toxicity LD50 (rat): > 5,000 mg/kg Acute inhalation toxicity: LC50 (rat): 124.7 mg/l, 4h Propan-2-ol: Acute oral toxicity - LD50 (rat): > 5,000 mg/kg Acute dermal toxicity - LC50 (rat): > 5,000 mg/kg
Carcinogen Status	
SWA	No significant ingredient is classified as carcinogenic by SWA.
Target Organs	Skin, mucous membranes, eyes.

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Respiratory sensitisation	Not expected to be a respiratory sensitiser.
Skin Sensitisation	Not expected to be a skin sensitiser.
Germ cell mutagenicity	Not considered to be a mutagenic hazard.
Reproductive Toxicity	Not considered to be toxic to reproduction.
STOT-single exposure	Not expected to cause toxicity to a specific target organ.
STOT-repeated exposure	Not expected to cause toxicity to a specific target organ.
Aspiration Hazard	Not expected to be an aspiration hazard.


SECTION 12 – ECOLOGICAL INFORMATION

Eco-toxicity Product (as sold)	Not expected to be toxic to aquatic species.
Eco-toxicity Product (at use dilution 1:100 rinse)	Not available
Persistence and degradability	Readily biodegradable.
Bio accumulative potential	Ethanol: Partition coefficient: n-octanol/water : log Pow: -0.35 Propan-2-ol: Partition coefficient: n-octanol/water: log Pow: 0.05
Mobility in soil	Not available
Other adverse effects	Not available
Environmental Protection	Dispose in accordance with local regulations. Dispose of as unused product. Empty containers should be taken to an approved waste handling site for recycling or disposal. Do not burn, or use a cutting torch on, the empty drum.

SECTION 13 – DISPOSAL CONSIDERATIONS

	Refer to State Land Waste Management Authority. Transfer product residues to a labelled, sealed container for disposal or recovery. Waste disposal must be by an accredited contractor. Do not put down the drain. Basic solution – neutralise before disposal if large volumes, otherwise dilute with large volumes of water.
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SECTION 14 – TRANSPORT INFORMATION

Labels Required	
ADG	
IMDG Marine Pollutant	No
HAZCHEM	•2YE
Land Transport (ADG)	
UN Number	1170
Shipping Name	ALCOHOLS, N.O.S. (Ethanol, Propan-2-ol)
ADG Code	3
Special Provisions	None allocated
Packing Group	II

SECTION 15 – REGULATORY INFORMATION

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GHS Classification	Classified as Hazardous according to the Globally Harmonised System of Classification and labelling of Chemicals (GHS) including Work, Health and Safety regulations, Australia.
SUSMP	Not scheduled
ADG Code	3
AICS	All ingredients present on AICS.

SECTION 16 – OTHER INFORMATION

Issue Date	March 2020
Version Number	V1
Abbreviations and acronyms	<p>ADG Code: Australian Code for the Transport of Dangerous Goods by Road and Rail.</p> <p>AICS: Australian Inventory of Chemical Substances.</p> <p>CAS Number: Chemical Abstracts Service Registry Number.</p> <p>GHS: Globally Harmonized System of Classification and Labelling of Chemicals</p> <p>HAZCHEM: An emergency action code of numbers and letters which gives information to emergency services.</p> <p>HSIS: Hazardous Substances Information System</p> <p>IARC: International Agency for Research on Cancer.</p> <p>SWA: Safe Work Australia.</p> <p>NTP: National Toxicology Program (USA).</p> <p>SDS: Safety Data Sheet</p> <p>STEL: Short Term Exposure Limit.</p> <p>SUSMP: Standard for the Uniform Scheduling of Medicines and Poisons.</p> <p>TWA: Time Weighted Average.</p> <p>UN Number: United Nations Number.</p>
Literature references	<p>Preparation of Safety Data Sheets for Hazardous Chemicals – Code of Practice (Safe Work Australia)</p> <p>GHS Hazardous Chemical Information List (Safe Work Australia)</p> <p>Guidance on the Classification of Hazardous Chemicals under the WHS Regulations.</p> <p>Global Harmonized System of Classification and Labelling of Chemicals (GHS)</p> <p>“Australian Exposure Standards”. Safe Work Australia</p> <p>Australian Code for The Transport of Dangerous Goods by Road and Rail</p> <p>Standard for the Uniform Scheduling of Medicines and Poisons</p> <p>Safety Data Sheets – individual raw materials – Suppliers</p> <p>HSIS – Hazardous Substance Information System – National Safe Work Australia Data Base.</p> <p>HCIS – Hazardous Chemical Information System – National Safe Work Australia Data Base.</p>
Disclaimer	<p>This SDS summarizes at the date of issue our best knowledge of the health and safety hazard information of this product, and in particular how to safely handle and use this product in the workplace. Since the supplier cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, review this SDS in the context of how the user intends to handle and use the product in the workplace. If clarification or further information is needed to ensure that an appropriate assessment can be made, the user should contact this supplier.</p>

End of SDS